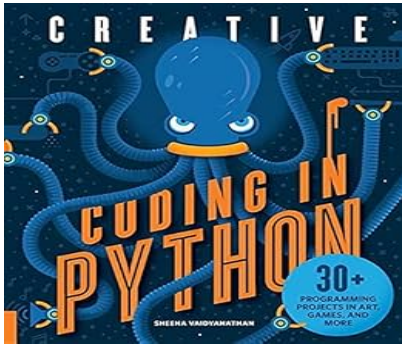


Creative Coding in Python: 30+ Programming Projects in Art, Games, and More By Sheena Vaidyanathan Copertina flessibile Such an amazing book Copertina flessibile Excelente libro aunque no es del todo para niños Copertina flessibile Picked this book because it targeted the novice coder and from a first read that's exactly how it has been laid out. Copertina flessibile



Sheena Vaidyanathan teaches a Python based computer science class to 11-13 year olds and is the Computer Science Integration Specialist in the Los Altos School District.

Creative Coding in Python presents over 30 creative projects that teach kids how to code in the easy and intuitive programming language Python. Creative Coding in Python teaches the fundamentals of computer programming and demonstrates how to code 30+ fun creative projects using Python a free intuitive open source programming language that's one of the top five most popular worldwide and one of the most popular Google search terms in the U.S. Computer science educator Sheena Vaidyanathan helps kids understand the fundamental ideas of computer programming and the process of computational thinking using illustrations, flowcharts, and pseudocode, then shows how to apply those essentials to code exciting projects in Python: Chatbots: Discover variables, strings, integers, Games and More. I'm teaching Python to my brother and sometimes I ran out of ideas of projects that we could work on. The book is helping a lot in Los Altos, California, where she has also designed computer science curricula, conducted professional development for the K-8 STEM program, and taught pre-algebra, digital design, and visual art. She is also the program director for the computer science professional development programs at Krause Center for Innovation, Foothill College, where she teaches teachers to code in Python, Scratch, and other languages. Interactive fiction: Explore booleans and conditionals to invent, create your own adventure games. Arcade games and apps: Understand GUI (graphical user interfaces) and create your own arcade games and apps. What's next? Look at exciting ways to use your powerful new skills and expand your knowledge of coding in Python. Creative Coding in Python gives kids the tools they need to create their own computer programs. Check out projects from the book as well as sample lesson plans on how to use this in your classroom on the book website creativecodinginpython.com. Creative Coding in Python: 30+ Programming Projects in Art.

I think that following a book is helping us to learn and review concepts and finish the projects. And the illustrations in the book are gorgeous! Copertina flessibile I didn't know this book was for children but I would still recommend it to beginners of any age. The illustrations are quite attractive and explanations are simple: Over the years, hundreds of students and teachers have learned to code in her classes. She shares her 9 years of experience teaching coding by writing articles, presenting at conferences, and providing best practices and student work on her personal website computersforcreativity.com. Prior to teaching, Vaidyanathan worked in Silicon Valley for more than 10 years as a computer scientist and technology entrepreneur[1]

And to design conversational programs. Geometric art: Use turtle graphics to create original masterpieces. Dice games: Reuse code to devise games of chance. I'm looking forward to building my first application. S.com. She lives in Los Altos, California..